

822 Customer Account Analysis

Functional Group ID= **AA**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Customer Account Analysis Transaction Set (822) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to transmit detailed balance, service charge and adjustment detail primarily from a bank to its corporate clients. However, this transaction set can also be used between or within corporations.

Notes:

Currency used throughout transaction set = US Dollars. All dollar entries shall be the correct amount, no commas used.

Heading:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BGN	Beginning Segment	M	1		
Must Use	030	DTM	Date/Time/Period	M	3		n1
Must Use	040	N1	Name	M	1		n2
Not Used	050	N2	Additional Name Information	O	2		
Not Used	060	N3	Address Information	O	2		
Not Used	070	N4	Geographic Location	O	1		
Not Used	090	PER	Administrative Communications Contact	O	3		
LOOP ID - RTE						13	
Not Used	100	RTE	Rate Details	O	1		
Not Used	105	DTM	Date/Time/Period	O	1		
Not Used	110	CUR	Currency	O	1		

Detail:

	<u>Pos. No.</u>	<u>Seg. ID</u>	<u>Name</u>	<u>Req. Des.</u>	<u>Max.Use</u>	<u>Loop Repeat</u>	<u>Notes and Comments</u>
LOOP ID - N1						500	
Must Use	010	N1	Name	M	1		n3
	020	N2	Additional Name Information	O	2		
Not Used	030	N3	Address Information	O	2		
Not Used	040	N4	Geographic Location	O	1		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	080	CUR	Currency	O	1		
LOOP ID - ACT						5000	

	100	ACT	Account Identification	O	1	
	105	ADJ	Adjustments to balances or services.	O	1000	
	LOOP ID - RTE					13
	106	RTE	Rate Details	O	1	
	107	DTM	Date/Time/Period	O	1	
	LOOP ID - BAL					100
	110	BAL	Balance Detail	O	1	
	120	AMT	Monetary Amount	O	25	
Not Used	130	DTM	Date/Time/Period	O	5	
	LOOP ID - SER					1000
	140	SER	Service Charges	O	1	
Not Used	145	CTP	Pricing Information	O	99	
Not Used	150	DTM	Date/Time/Period	O	5	

Summary:

	<u>Pos.</u> <u>No.</u>	<u>Seg.</u> <u>ID</u>	<u>Name</u>	<u>Req.</u> <u>Des.</u>	<u>Max.Use</u>	<u>Loop</u> <u>Repeat</u>	<u>Notes and</u> <u>Comments</u>
Must Use	010	CTT	Transaction Totals	M	1		n4
Must Use	020	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1. At least one DTM segment, for the period-ending date, must be used. Others are period-starting date and statement-issued date.
2. This N1 identifies the financial institution transmitting the account analysis.
3. This N1 is the receiver of the financial statement.
4. Number of line items (CTT01) is a count of the ACT segments.

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			822 X12.25 Customer Account Analysis	
>>	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Transaction Set Control Number is assigned by the Originator. It must be same value as Group Control Number at SE02.	

Segment: **BGN** Beginning Segment
Position: 020
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a transaction set
Syntax Notes: 1 If BGN05 is present, then BGN04 is required.
Semantic Notes: 1 BGN02 is the transaction set reference number.
2 BGN03 is the transaction set date.
3 BGN04 is the transaction set time.
4 BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.
Comments: 1 BGN05 is the transaction set time qualifier.

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
>>	BGN01	353	Transaction Set Purpose Code	M ID 2/2
			Code identifying purpose of transaction set	
			All original 822s must be "00". All replacement 822s must be "05".	
			00 Original	
			05 Replace	
>>	BGN02	127	Reference Number	M AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
>>	BGN03	373	Date	M DT 6/6
			Date (YYMMDD)	
			Date transaction set created.	
X	BGN04	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
			Time transaction set created in HHMM (24-hour) format.	
X	BGN05	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			LT Local Time	

	BGN06	127	Reference Number	O AN 1/30
			Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.	
			USE for replacement 822 messages (BGN01 = 05).	
			DO NOT USE for original 822 message (BGN01 = 00).	
X	BGN07	640	Transaction Type Code	O ID 2/2
			Code specifying the type of transaction	
			Refer to 003040 Data Element Dictionary for acceptable code values.	
X	BGN08	306	Action Code	O ID 1/2
			Code indicating type of action	
			Refer to 003040 Data Element Dictionary for acceptable code values.	

Segment: **DTM** Date/Time/Period

Position: 030

Loop:

Level: Heading

Usage: Mandatory

Max Use: 3

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
>>	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		Either 150 or 151 can be used by themselves or both can be used at the same time.	
		150 Service Period Start	
		151 Service Period End	
	DTM02	373 Date	X DT 6/6
		Date (YYMMDD)	
		Last calendar day of statement month; date applies to all statements.	
X	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
X	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		Refer to 003040 Data Element Dictionary for acceptable code values.	
X	DTM05	624 Century	O N0 2/2
		The first two characters in the designation of the year (CCYY)	
X	DTM06	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
		D6 Date Expressed in Format YYMMDD	
X	DTM07	1251 Date Time Period	X AN 1/35

Expression of a date, a time, or range of dates, times or dates and times

Segment: **N1** Name
Position: 040
Loop:
Level: Heading
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary					
Ref.	Data				
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>		
>> N101	98	Entity Identifier Code	M	ID	2/2
		Code identifying an organizational entity, a physical location, or an individual			
		BK Bank			
N102	93	Name	X	AN	1/35
		Free-form name			
		Depository Name (822 Originator).			
N103	66	Identification Code Qualifier	X	ID	1/2
		Code designating the system/method of code structure used for Identification Code (67)			
		FRRC = Routing Transit Number (RTN).			
		13 Federal Reserve Routing Code (FRRC)			
N104	67	Identification Code	X	AN	2/17
		Code identifying a party or other code			
		Depository RTN including check digit (9 characters).			
X	N105	706 Entity Relationship Code	O	ID	2/2
		Code describing entity relationship			
		Refer to 003040 Data Element Dictionary for acceptable code values.			
X	N106	98 Entity Identifier Code	O	ID	2/2
		Code identifying an organizational entity, a physical location, or an individual			
		Refer to 003040 Data Element Dictionary for acceptable code values.			

Segment: **N1** Name
Position: 010
Loop: N1
Level: Detail
Usage: Mandatory
Max Use: 1
Purpose: To identify a party by type of organization, name, and code
Syntax Notes:

- 1 At least one of N102 or N103 is required.
- 2 If either N103 or N104 is present, then the other is required.

Semantic Notes:
Comments:

- 1 This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
- 2 N105 and N106 further define the type of entity in N101.

Data Element Summary					
	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	N101	98	Entity Identifier Code	M	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			AO Account Of		
	N102	93	Name	X	AN 1/35
			Free-form name		
X	N103	66	Identification Code Qualifier	X	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
X	N104	67	Identification Code	X	AN 2/17
			Code identifying a party or other code		
X	N105	706	Entity Relationship Code	O	ID 2/2
			Code describing entity relationship		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
X	N106	98	Entity Identifier Code	O	ID 2/2
			Code identifying an organizational entity, a physical location, or an individual		
			Refer to 003040 Data Element Dictionary for acceptable code values.		

Segment: **N2** Additional Name Information
Position: 020
Loop: N1
Level: Detail
Usage: Optional
Max Use: 2
Purpose: To specify additional names or those longer than 35 characters in length
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
>>	N201	93	Name Free-form name	M AN 1/35
	N202	93	Name Free-form name	O AN 1/35

Segment: **ACT** **Account Identification**
Position: 100
Loop: ACT
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To specify account information
Syntax Notes:

- 1 If either ACT03 or ACT04 is present, then the other is required.
- 2 If ACT05 is present, then ACT06 is required.
- 3 If ACT07 is present, then ACT05 is required.

Semantic Notes:

- 1 ACT02 is the name of the account in ACT01.
- 2 ACT07 is the name associated with the account identified in ACT06.

Comments:

- 1 ACT06 is an account associated with the account in ACT01.
- 2 ACT08 indicates if the data for the account in ACT01 is used for billing or information purposes.

Data Element Summary				
	Ref.	Data		
	Des.	Element	Name	Attributes
>>	ACT01	508	Account Number	M AN 1/35
			Account number assigned	
			Individual Federal Agency DDA number.	
	ACT02	93	Name	O AN 1/35
			Free-form name	
			Use standard Federal Agency Name and Program Name.	
	ACT03	66	Identification Code Qualifier	X ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)	
			FRRC = Routing Transit Number (RTN).	
			13 Federal Reserve Routing Code (FRRC)	
	ACT04	67	Identification Code	X AN 2/17
			Code identifying a party or other code	
			RTN including check digit (9 characters).	
X	ACT05	569	Account Number Qualifier	X ID 1/3
			Code indicating the type of account	
			Refer to 003040 Data Element Dictionary for acceptable code values.	
X	ACT06	508	Account Number	X AN 1/35
			Account number assigned	
X	ACT07	3	Free Form Message	O AN 1/60
			Free-form text	
	ACT08	107	Payment Method Code	O ID 1/1
			Code identifying type of payment procedures	

I Invoiced Separately

Segment:	ADJ Adjustments to balances or services.
Position:	105
Loop:	ACT
Level:	Detail
Usage:	Optional
Max Use:	1000
Purpose:	To identify adjustments to account balances or service charges on the account
Syntax Notes:	<ol style="list-style-type: none"> 1 If either ADJ08 or ADJ09 is present, then the other is required. 2 If ADJ13 is present, then ADJ09 is required. 3 If ADJ14 is present, then ADJ09 is required. 4 If ADJ15 is present, then ADJ09 is required. 5 If either ADJ16 or ADJ17 is present, then the other is required.
Semantic Notes:	<ol style="list-style-type: none"> 1 ADJ02 is the adjustment amount. 2 ADJ03 is the adjustment to the average collected balance. 3 ADJ04 is the date of the original financial transaction. 4 ADJ05 is the date the adjustment was processed. 5 ADJ10 is the price change. 6 ADJ11 is the old price. 7 ADJ12 is the new price. 8 ADJ13 is the volume charge. 9 ADJ14 is the old volume. 10 ADJ15 is the new volume. 11 ADJ16 is the subservice identifier. 12 ADJ17 is the actual subservice number.
Comments:	<ol style="list-style-type: none"> 1 ADJ06 is recommended for float and ledger balance adjustments. 2 ADJ08 and ADJ09 are needed to identify the product or service to which the adjustment applies.
Notes:	Adjustments may be made for service price and volume. Use "*" for ADJ10-ADJ12 for volume adjustments. Use "*" for ADJ13-ADJ15 for service price adjustments. However, entries in both segment sets may be valid.

Data Element Summary

Ref.	Data				
Des.	Element	Name	Attributes		
>> ADJ01	952	Adjustment Application Code	M	ID	1/2
		Code for area to which adjustment applies			
		F Float			
		L Ledger			
		S Service Charge			
>> ADJ02	782	Monetary Amount	M	R	1/15
		Monetary amount			
		Service Adjustment amount in \$\$cc.			
>> ADJ03	782	Monetary Amount	M	R	1/15
		Monetary amount			

>>	ADJ04	373	Date Date (YYMMDD) Date of original transaction.	M	DT	6/6
>>	ADJ05	373	Date Date (YYMMDD) Date adjustment was processed.	M	DT	6/6
X	ADJ06	607	Number of Days Count of Days	O	N0	1/3
	ADJ07	352	Description A free-form description to clarify the related data elements and their content Free form description clarifying adjustment action.	O	AN	1/80
	ADJ08	235	Product/Service ID Qualifier Code identifying the type/source of the descriptive number used in Product/Service ID (234)	X	ID	2/2
	ADJ09	234	Product/Service ID Identifying number for a product or service	X	AN	1/30
	ADJ10	610	Amount Monetary amount Dollar amount of service adjustment. Absolute dollars; no negative numbers.	O	N2	1/15
	ADJ11	610	Amount Monetary amount The per item service charge which is being adjusted. The prior statement per item price of service in \$\$cc format.	O	N2	1/15
	ADJ12	610	Amount Monetary amount The current LDA price per service in \$\$cc format.	O	N2	1/15
	ADJ13	380	Quantity Numeric value of quantity The true value of volume which is being adjusted. Absolute numbers; no negative values.	O	R	1/15
	ADJ14	380	Quantity Numeric value of quantity The reported value of volume for which the adjustment is applicable.	O	R	1/15
	ADJ15	380	Quantity Numeric value of quantity The correct value of volume applicable to the service adjustment.	O	R	1/15
	ADJ16	128	Reference Number Qualifier Code qualifying the Reference Number. LB Lockbox	X	ID	2/2

ADJ17	127	Reference Number	X	AN	1/30
Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.					
Agency lockbox number affected by the adjustment.					

Segment: **RTE** Rate Details

Position: 106

Loop: RTE

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the earnings, rates and multipliers for this account

Syntax Notes:

Semantic Notes:

- 1** RTE03 is the analysis month net collected amount per \$1.00 service charge, net of reserves.
- 2** RTE04 is the number of days in the analysis month used in the application of the rate information.
- 3** RTE05 is the number of days in the analysis year used in the application of the rate information.

Comments:

Data Element Summary					
	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	RTE01	1387	Rate Qualifier	M	ID 1/2
			Code indicating the type of interest rate		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
>>	RTE02	953	Interest Rate	M	R 1/6
			The interest rate as a percentage		
X	RTE03	782	Monetary Amount	O	R 1/15
			Monetary amount		
X	RTE04	607	Number of Days	O	N0 1/3
			Count of Days		
X	RTE05	607	Number of Days	O	N0 1/3
			Count of Days		

Segment: **DTM** Date/Time/Period

Position: 107

Loop: RTE

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify pertinent dates and times

Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.

2 If either DTM06 or DTM07 is present, then the other is required.

Semantic Notes:

Comments:

Data Element Summary

	<u>Ref.</u>	<u>Data</u>	<u>Attributes</u>
	<u>Des.</u>	<u>Element</u> <u>Name</u>	
>>	DTM01	374 Date/Time Qualifier	M ID 3/3
		Code specifying type of date or time, or both date and time	
		Refer to 003040 Data Element Dictionary for acceptable code values.	
	DTM02	373 Date	X DT 6/6
		Date (YYMMDD)	
X	DTM03	337 Time	X TM 4/8
		Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
X	DTM04	623 Time Code	O ID 2/2
		Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
		Refer to 003040 Data Element Dictionary for acceptable code values.	
X	DTM05	624 Century	O N0 2/2
		The first two characters in the designation of the year (CCYY)	
X	DTM06	1250 Date Time Period Format Qualifier	X ID 2/3
		Code indicating the date format, time format, or date and time format	
		Refer to 003040 Data Element Dictionary for acceptable code values.	
X	DTM07	1251 Date Time Period	X AN 1/35
		Expression of a date, a time, or range of dates, times or dates and times	

Segment: **BAL** Balance Detail
Position: 110
Loop: BAL
Level: Detail
Usage: Optional
Max Use: 1
Purpose: To identify the specific monetary balances associated with a particular account
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	Ref. Des.	Data Element	Name	Attributes
>>	BAL01	951	Balance Type Code	M ID 1/2
			Code indicating the type of balance	
			M Current Month	
>>	BAL02	522	Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			Refer to 003040 Data Element Dictionary for acceptable code values.	
>>	BAL03	782	Monetary Amount	M R 1/15
			Monetary amount	

Segment: **AMT** Monetary Amount
Position: 120
Loop: BAL
Level: Detail
Usage: Optional
Max Use: 25
Purpose: To indicate the total monetary amount
Syntax Notes:
Semantic Notes:
Comments:

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	AMT01	522	Amount Qualifier Code	M ID 1/2
			Code to qualify amount	
			Refer to 003040 Data Element Dictionary for acceptable code values.	
>>	AMT02	782	Monetary Amount	M R 1/15
			Monetary amount	

Segment: **SER** Service Charges

Position: 140

Loop: SER

Level: Detail

Usage: Optional

Max Use: 1

Purpose: To specify the details of the service charges levied

Syntax Notes: 1 At least one of SER03 or SER04 is required.

Semantic Notes: 1 SER03 is collected balance required (Account balance needed to compensate for service charge).
 2 SER04 is the service charge.
 3 SER08 is the pricing structure.
 4 SER09 is the method of compensation.
 5 SER10 is the subservice identifier.
 6 SER11 is the subservice number.

Comments:

Notes: Pricing for volume tiers shall be accurately portrayed in SER05 and SER06. No special ID Qualifiers are necessary for tiered pricing volume or service charge.

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes		
>>	SER01	235	Product/Service ID Qualifier	M	ID	2/2
			Code identifying the type/source of the descriptive number used in Product/Service ID (234)			
>>	SER02	234	Product/Service ID	M	AN	1/30
			Identifying number for a product or service			
X	SER03	782	Monetary Amount	X	R	1/15
			Monetary amount			
	SER04	782	Monetary Amount	X	R	1/15
			Monetary amount			
			Total monthly charge for service in \$\$cc format.			
	SER05	212	Unit Price	O	R	1/14
			Price per unit of product, service, commodity, etc.			
			Lockbox service price in \$\$cc format.			
			(Some Ancillary lockbox services may be listed in a MOU Price Schedule.)			
	SER06	380	Quantity	O	R	1/15
			Numeric value of quantity			
			Quantity = correct monthly volume for per item services.			
	SER07	352	Description	O	AN	1/80
			A free-form description to clarify the related data elements and their content			
	SER08	236	Price Identifier Code	O	ID	3/3

		Code identifying pricing specification			
		STA	Standard Price		
			Indicates a standard unit price, including all surcharges		
SER09	107	Payment Method Code		O ID	1/1
		Code identifying type of payment procedures			
		I	Invoiced Separately		
SER10	128	Reference Number Qualifier		O ID	2/2
		Code qualifying the Reference Number.			
		LB	Lockbox		
SER11	127	Reference Number		O AN	1/30
		Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier.			
		Federal Agency Lockbox number corresponding to the DDA number identified in ACT01.			

Segment: **CTT Transaction Totals**
Position: 010
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To transmit a hash total for a specific element in the transaction set
Syntax Notes: 1 If CTT03 is present, then CTT04 is required.
2 If CTT05 is present, then CTT06 is required.
Semantic Notes:
Comments: 1 This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref.	Data			
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>	
>>	CTT01	354	Number of Line Items	M	N0 1/6
			Total number of line items in the transaction set		
			Total # of accounts in 01.		
X	CTT02	347	Hash Total	O R	1/10
			Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element.		
			Example:		
			-.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ----- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.		
X	CTT03	81	Weight	O R	1/10
			Numeric value of weight		
X	CTT04	355	Unit or Basis for Measurement Code	X ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
X	CTT05	183	Volume	O R	1/8
			Value of volumetric measure		
X	CTT06	355	Unit or Basis for Measurement Code	X ID	2/2
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			Refer to 003040 Data Element Dictionary for acceptable code values.		
X	CTT07	352	Description	O AN	1/80

A free-form description to clarify the related data elements and their content

Segment: **SE** Transaction Set Trailer
Position: 020
Loop:
Level: Summary
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:
Semantic Notes:
Comments: 1 SE is the last segment of each transaction set.

Data Element Summary				
	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
>>	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
>>	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			Transaction Set Control Number identifies individual transactions.	
			The Control Number is maintained by the Originator. It must be the same as ST02.	